

Name: _____

Worksheet – Perfect Square Trinomials – Version 1

Directions: Please fully factor the following expressions.

1. $x^2 + 20x + 100$

2. $y^2 - 12y + 36$

3. $9x^2 + 6x + 1$

4. $25x^2 + 80x + 64$

5. $x^2 + 2xk + k^2$

6. $x^8 + 18x^4 + 81$

7. $x^2y^8 - xy^4 + 1$

8. $8x^2 + 24x + 18$

9. $25a^2 + 50ab + 25b^2$

10. $x^2 - 6x + 9$